

Sheep and Wool

Sheep and Lambs: Farms, Inventory, and Value, Utah, January 1, 2001-2008

Year	Operations with Sheep	All Sheep and Lambs on Farms January 1				
		Number ¹	Value		Total Breeding	Total Market
			Per Head	Total		
	<i>Number</i>	<i>1,000 Head</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000</i>	<i>1,000</i>
2001	1,500	390	98.00	38,220	350	40
2002	1,400	365	84.00	30,660	320	45
2003	1,400	310	102.00	31,620	280	30
2004	1,400	265	128.00	33,920	235	30
2005	1,400	270	138.00	37,260	245	25
2006	1,400	280	147.00	43,365	260	20
2007	1,500	295	147.00	43,365	270	25
2008	(²)	275	146.00	40,150	250	25

¹ All sheep include new crop lambs. New crop lambs are lambs born after September 30 the previous year on hand January 1.

² Data not available until 2009.

Breeding Sheep and Lambs and Lamb Crop: Inventory by Class Utah, January 1, 2001-2008

Year	Breeding Sheep and Lambs				Lamb Crop ¹	
	Total	Sheep 1 yr old and older		Replacement Lambs	Number	As Percent of Ewes One Year and Older ²
		Ewes	Rams			
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
2001	350	300	11	39	305	102
2002	320	275	9	36	275	100
2003	280	240	9	31	240	100
2004	235	195	7	33	245	126
2005	245	200	8	37	240	120
2006	260	210	11	39	245	117
2007	270	220	10	40	235	107
2008	250	210	8	32	(³)	(³)

¹ Lamb crop defined as lambs marked, docked, or branded.

² Not strictly a lambing rate. Percent represents lamb crop expressed as a percent of ewes one year old and older on hand at beginning of year.

³ Data not available until 2009.

Market Sheep and Lambs: Inventory by Weight Group, Utah, January 1, 2001-2008

Year	Market Lambs					Market Sheep	Total Market Sheep and Lambs
	Under 65 Lbs	65-84 Lbs	85-105 Lbs	Over 105 Lbs	Total		
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
2001	3.00	2.00	14.00	16.00	35.00	5.00	40.00
2002	1.00	3.00	15.00	23.00	42.00	3.00	45.00
2003	0.20	0.30	7.50	21.00	29.00	1.00	30.00
2004	2.00	2.00	6.00	15.00	25.00	5.00	30.00
2005	2.00	2.00	10.00	9.00	23.00	2.00	25.00
2006	2.00	2.50	6.00	7.50	18.00	2.00	20.00
2007	1.00	3.50	6.00	12.50	23.00	2.00	25.00
2008	1.00	3.00	9.00	11.00	24.00	1.00	25.00

Sheep and Lambs: Balance Sheet, Utah, 2000-2007

Year	Inventory Beginning of Year ¹	Lamb Crop	Inshipments	Marketings ²		Farm Slaughter ³	Deaths		Inventory End of Year ¹
				Sheep	Lambs		Sheep	Lambs	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
2000	400	330	9	32	269	5	18	25	390
2001	390	305	7	51	241	5	17	23	365
2002	365	275	6	58	237	5	15	21	310
2003	310	240	6	63	193	5	11	19	265
2004	265	245	15	28	193	5	11	18	270
2005	270	240	14	21	192	5	11	15	280
2006	280	245	14	23	184	6	13	18	295
2007	295	235	13	43	189	7	11	18	275

¹ Beginning and end of year inventories includes new crop lambs.

² Includes custom slaughter for use on farms where produced, and State outshipments, but excludes interfarm sales within the State.

³ Excludes custom slaughter for farmers at commercial establishments.

Sheep & Lambs: Production, Marketings & Income, Utah, 2000-2007

Year	Production ¹	Marketings ²	Price per 100 Pounds		Value of Production	Cash Receipts ³	Value of Home Consumption	Gross Income
			Sheep	Lambs				
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
2000	27,300	28,830	28.20	82.90	20,892	21,274	631	21,905
2001	25,350	29,160	27.10	61.00	14,345	15,194	472	15,666
2002	23,100	29,850	25.40	75.60	15,807	18,199	575	18,774
2003	20,380	26,640	29.90	92.00	16,824	18,640	698	19,338
2004	20,985	21,390	33.80	101.00	18,947	18,782	768	19,550
2005	21,115	20,250	44.00	117.00	21,774	21,393	895	22,288
2006	20,850	19,680	33.20	98.50	18,111	17,230	829	18,059
2007	20,310	23,130	27.90	98.50	17,036	18,335	843	19,178

¹ Adjustments made for changes in inventory and for inshipments.

² Excludes custom slaughter for use on farms where produced and interfarm sales within the State.

³ Receipt from marketings and sale of farm slaughter.

Wool: Production and Value, Utah, 2000-2007

Year	Sheep & Lambs Shorn ¹	Weight per Fleece	Shorn Wool Production	Average Price per Pound	Value ²
	<i>1,000 Head</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>Dollars</i>	<i>1,000 Dollars</i>
2000	320	9.6	3,060	0.22	673
2001	295	9.5	2,800	0.29	812
2002	280	9.5	2,650	0.60	1,590
2003	240	9.3	2,230	0.80	1,784
2004	245	9.2	2,250	0.83	1,868
2005	235	9.3	2,180	0.71	1,548
2006	260	9.0	2,350	0.71	1,669
2007	255	8.5	2,180	0.90	1,962

¹ Includes shearing at commercial feeding yards.

² Production multiplied by annual average price.

Losses of Sheep and Lambs Combined, by Cause: Utah, 2002-2007 ^{1 3}

Cause of Loss	2002	2003	2004	2005	2006	2007
Number of Head						
Bear	2,800	1,900	2,300	2,000	1,000	3,900
Bobcat	900	500	NA	500	NA	600
Coyote	19,800	16,000	18,800	13,400	17,400	16,400
Dog	1,500	900	800	900	1,200	1,300
Fox	1,000	600	800	900	800	600
Mountain Lion	4,700	4,800	4,500	3,300	4,000	3,300
Wolves	NA	NA	NA	NA	NA	NA
Eagle	1,400	1,500	2,300	1,200	1,100	1,000
Other/Unknown	1,700	3,300	800	600	700	2,200
Total Predators	33,800	29,500	30,300	22,800	27,600	29,300
Diseases	3,400	1,900	1,200	2,400	1,900	2,100
Enterotoxemia ²		1,100	NA	1,100	1,000	700
Weather Conditions	5,200	3,900	3,700	5,300	3,400	3,300
Lambing Complications	2,500	3,000	2,400	4,500	3,000	1,800
Old Age	1,900	1,200	1,200	2,000	2,200	2,400
On Back	NA	NA	NA	NA	NA	NA
Poison	1,300	1,100	800	1,000	2,100	1,100
Theft	NA	NA	NA	NA	NA	900
Other/Unknown	6,900	5,300	9,200	4,900	4,800	2,900
Total Non-Predators	21,200	17,500	18,500	21,200	18,400	15,200
Total Losses	55,000	47,000	48,800	44,000	46,000	44,500

Percent of Total by Cause

Bear	5.1	4.0	4.7	4.5	2.2	8.8
Bobcat	1.6	1.1	NA	1.1	NA	1.3
Coyote	36.0	34.0	38.5	30.5	37.8	36.9
Dog	2.7	1.9	1.6	2.0	2.6	2.9
Fox	1.8	1.3	1.6	2.0	1.7	1.3
Mountain Lion	8.5	10.2	9.2	7.5	8.7	7.4
Wolves	NA	NA	NA	NA	NA	NA
Eagle	2.5	3.2	4.7	2.7	2.4	2.2
Other/Unknown	3.1	7.0	1.6	1.4	1.5	4.9
Total Predators	61.5	62.8	62.1	51.8	60.0	65.8
Diseases	6.2	4.0	2.5	5.5	4.1	4.7
Enterotoxemia ²		2.3	NA	2.5	2.2	1.6
Weather Conditions	9.5	8.3	7.6	12.0	7.4	7.4
Lambing Complications	4.5	6.4	4.9	10.2	6.5	4.0
Old Age	3.5	2.6	2.5	4.5	4.8	5.4
On Back	NA	NA	NA	NA	NA	NA
Poison	2.4	2.3	1.6	2.3	4.6	2.5
Theft	NA	NA	NA	NA	NA	2.0
Other/Unknown	12.5	11.3	18.9	11.1	10.4	6.5
Total Non-Predators	38.5	37.2	37.9	48.2	40.0	34.2
Total Losses	100.0	100.0	100.0	100.0	100.0	100.0

Dollar Value of Losses by Cause (000)

Bear	157	130	182	180	236	335
Bobcat	42	31	NA	41	NA	44
Coyote	1,039	973	1,312	1,075	1,274	1,144
Dog	95	63	67	84	99	121
Fox	41	30	46	67	47	35
Mountain Lion	254	288	351	274	350	265
Wolves	NA	NA	NA	NA	NA	NA
Eagle	57	75	133	78	65	59
Other/Unknown	84	207	60	48	60	139
Total Predators	1,770	1,797	2,152	1,846	2,131	2,142
Diseases	182	130	104	215	178	203
Enterotoxemia ²		79	NA	97	87	50
Weather Conditions	256	219	221	404	267	239
Lambing Complications	140	192	181	377	272	176
Old Age	168	130	153	296	338	352
On Back	NA	NA	NA	NA	NA	NA
Poison	82	102	81	98	266	109
Theft	NA	NA	NA	NA	NA	106
Other/Unknown	369	354	700	453	406	215
Total Non-Predators	1,196	1,205	1,441	1,940	1,814	1,449
Total Losses	2,966	3,002	3,592	3,786	3,946	3,591

¹ Lamb losses include both before and after docking losses.

² Enterotoxemia first published in 2003.

³ NA are less than 500 head and are included in Other/Unknown.

Losses of Sheep by Cause: Utah, 2002-2007 ²

Cause of Loss	2002	2003	2004	2005	2006	2007
Number of Head						
Bear	900	600	700	600	2,400	1,200
Bobcat	NA	NA	NA	NA	NA	NA
Coyote	4,800	2,900	3,200	2,400	2,600	2,000
Dog	700	NA	NA	NA	NA	500
Fox	NA	NA	NA	NA	NA	NA
Mountain Lion	1,300	800	1,300	700	1,200	800
Wolves	NA	NA	NA	NA	NA	NA
Eagle	NA	NA	NA	NA	NA	NA
Other/Unknown	400	1,100	500	600	500	200
Total Predators	8,100	5,400	5,700	4,300	5,300	4,700
Diseases	900	600	500	700	700	900
Enterotoxemia ¹	NA	NA	NA	NA	NA	NA
Weather Conditions	900	NA	NA	700	700	500
Lambing Complications	800	700	600	1,000	1,000	800
Old Age	1,900	1,200	1,200	2,000	2,200	2,400
On Back	NA	NA	NA	NA	NA	NA
Poison	600	800	500	NA	1,500	500
Theft	NA	NA	NA	NA	NA	600
Other/Unknown	1,800	2,300	2,500	2,300	1,600	600
Total Non-Predators	6,900	5,600	5,300	6,700	7,700	6,300
Total Losses	15,000	11,000	11,000	11,000	13,000	11,000

Percent of Total by Cause

Bear	6.0	5.5	6.4	5.5	18.5	10.9
Bobcat	NA	NA	NA	NA	NA	NA
Coyote	32.0	26.4	29.1	21.8	20.0	18.2
Dog	4.7	NA	NA	NA	NA	4.5
Fox	NA	NA	NA	NA	NA	NA
Mountain Lion	8.7	7.3	11.8	6.4	9.2	7.3
Wolves	NA	NA	NA	NA	NA	NA
Eagle	NA	NA	NA	NA	NA	NA
Other/Unknown	2.7	10.0	4.5	5.5	3.8	1.8
Total Predators	54.0	49.1	51.8	39.1	40.8	42.7
Diseases	6.0	5.5	4.5	6.4	5.4	8.2
Enterotoxemia ¹	NA	NA	NA	NA	NA	NA
Weather Conditions	6.0	NA	NA	6.4	5.4	4.5
Lambing Complications	5.3	6.4	5.5	9.1	7.7	7.3
Old Age	12.7	10.9	10.9	18.2	16.9	21.8
On Back	NA	NA	NA	NA	NA	NA
Poison	4.0	7.3	4.5	NA	11.5	4.5
Theft	NA	NA	NA	NA	NA	5.5
Other/Unknown	12.0	20.9	22.7	20.9	12.3	5.5
Total Non-Predators	46.0	50.9	48.2	60.9	59.2	57.3
Total Losses	100.0	100.0	100.0	100.0	100.0	100.0

Dollar Value of Losses by Cause (000)

Bear	80	65	89	89	154	176
Bobcat	NA	NA	NA	NA	NA	NA
Coyote	425	314	408	355	399	293
Dog	62	NA	NA	NA	NA	73
Fox	NA	NA	NA	NA	NA	NA
Mountain Lion	115	87	166	104	184	117
Wolves	NA	NA	NA	NA	NA	NA
Eagle	NA	NA	NA	NA	NA	NA
Other/Unknown	36	120	64	89	76	30
Total Predators	717	585	727	636	814	689
Diseases	80	65	64	104	107	132
Enterotoxemia ¹	NA	NA	NA	NA	NA	NA
Weather Conditions	80	NA	NA	104	107	73
Lambing Complications	71	76	77	148	154	117
Old Age	168	130	153	296	338	352
On Back	NA	NA	NA	NA	NA	NA
Poison	53	87	64	NA	230	73
Theft	NA	NA	NA	NA	NA	88
Other/Unknown	160	249	320	339	246	88
Total Non-Predators	610	607	676	992	1,182	923
Total Losses	1,327	1,192	1,404	1,628	1,996	1,612

¹ Enterotoxemia first published in 2003.

² NA are less than 500 head and are included in Other/Unknown.

Losses of All Lambs by Cause: Utah, 2002-2007^{1 3}

Cause of Loss	2002	2003	2004	2005	2006	2007
Number of Head						
Bear	1,900	1,300	1,600	1,400	1,400	2,700
Bobcat	800	NA	NA	NA	NA	500
Coyote	15,000	13,100	15,600	11,000	14,800	14,400
Dog	800	600	500	600	900	800
Fox	1,000	600	800	800	800	600
Mountain Lion	3,400	4,000	3,200	2,600	2,800	2,500
Wolves	NA	NA	NA	NA	NA	NA
Eagle	1,400	1,500	2,300	1,200	1,100	1,000
Other/Unknown	1,400	3,000	600	900	500	2,100
Total Predators	25,700	24,100	24,600	18,500	22,300	24,600
Diseases	2,500	1,300	700	1,700	1,200	1,200
Enterotoxemia ²		700	NA	800	700	600
Weather Conditions	4,300	3,500	3,600	4,600	2,700	2,800
Lambing Complications	1,700	2,300	1,800	3,500	2,000	1,000
Old Age	NA	NA	NA	NA	NA	NA
On Back	NA	NA	NA	NA	NA	NA
Poison	700	NA	NA	600	600	600
Theft	NA	NA	NA	NA	NA	NA
Other/Unknown	5,100	4,100	7,100	3,300	3,500	2,700
Total Non-Predators	14,300	11,900	13,200	14,500	10,700	8,900
Total Losses	40,000	36,000	37,800	33,000	33,000	33,500

Percent of Total by Cause

Bear	4.8	3.6	4.2	4.2	4.2	8.1
Bobcat	2.0	NA	NA	NA	NA	1.5
Coyote	37.5	36.4	41.3	33.3	44.8	43.0
Dog	2.0	1.7	1.3	1.8	2.7	2.4
Fox	2.5	1.7	2.1	2.4	2.4	1.8
Mountain Lion	8.5	11.1	8.5	7.9	8.5	7.5
Wolves	NA	NA	NA	NA	NA	NA
Eagle	3.5	4.2	6.1	3.6	3.3	3.0
Other/Unknown	3.5	8.3	1.6	2.7	1.5	6.3
Total Predators	64.3	66.9	65.1	56.1	67.6	73.4
Diseases	6.3	3.6	1.9	5.2	3.6	3.6
Enterotoxemia ²		1.9	NA	2.4	2.1	1.8
Weather Conditions	10.8	9.7	9.5	13.9	8.2	8.4
Lambing Complications	4.3	6.4	4.8	10.6	6.1	3.0
Old Age	NA	NA	NA	NA	NA	NA
On Back	NA	NA	NA	NA	NA	NA
Poison	1.8	NA	NA	1.8	1.8	1.8
Theft	NA	NA	NA	NA	NA	NA
Other/Unknown	12.8	11.4	18.8	10.0	10.6	8.1
Total Non-Predators	35.8	33.1	34.9	43.9	32.4	26.6
Total Losses	100.0	100.0	100.0	100.0	100.0	100.0

Dollar Value of Losses by Cause (000)

Bear	78	65	93	92	83	160
Bobcat	33	NA	NA	NA	NA	30
Coyote	615	659	903	719	875	851
Dog	33	30	29	39	53	47
Fox	41	30	46	52	47	35
Mountain Lion	139	201	185	170	165	148
Wolves	NA	NA	NA	NA	NA	NA
Eagle	57	75	133	78	65	59
Other/Unknown	57	151	35	59	30	124
Total Predators	1,053	1,212	1,424	1,210	1,318	1,454
Diseases	102	65	41	111	71	71
Enterotoxemia ²		35	NA	52	41	35
Weather Conditions	176	176	208	301	160	165
Lambing Complications	70	116	104	229	118	59
Old Age	NA	NA	NA	NA	NA	NA
On Back	NA	NA	NA	NA	NA	NA
Poison	29	NA	NA	39	35	35
Theft	NA	NA	NA	NA	NA	NA
Other/Unknown	209	206	411	216	207	160
Total Non-Predators	586	598	764	948	632	526
Total Losses	1,639	1,810	2,189	2,158	1,950	1,980

¹ Lamb losses include both before and after docking losses.

² Enterotoxemia first published in 2003.

³ NA are less than 500 head and are included in Other/Unknown.

Losses of Lambs Before Docking: Utah 2002-2007 ²

Cause of Loss	2002	2003	2004	2005	2006	2007
Number of Head						
Bear	NA	NA	NA	NA	NA	600
Bobcat	NA	NA	NA	NA	NA	NA
Coyote	4,700	4,200	6,100	4,300	6,500	5,800
Dog	NA	NA	NA	NA	600	NA
Fox	600	NA	NA	500	500	NA
Mountain Lion	600	500	600	600	600	500
Wolves	NA	NA	NA	NA	NA	NA
Eagle	1,300	1,100	2,200	1,100	800	900
Other/Unknown	2,000	3,000	900	900	400	2,900
Total Predators	9,200	8,800	9,800	7,400	9,400	10,700
Diseases	1,600	800	500	1,200	500	600
Enterotoxemia ¹		NA	NA	NA	NA	NA
Weather conditions	3,900	3,100	3,300	3,800	2,000	1,900
Lambing Complications	1,700	2,300	1,800	3,500	2,000	1,000
Old Age	NA	NA	NA	NA	NA	NA
On Back	NA	NA	NA	NA	NA	NA
Poison	NA	NA	NA	NA	NA	NA
Theft	NA	NA	NA	NA	NA	NA
Other/Unknown	2,600	2,000	4,400	2,100	1,100	1,300
Total Non-Predators	9,800	8,200	10,000	10,600	5,600	4,800
TOTAL LOSSES	19,000	17,000	19,800	18,000	15,000	15,500

¹ Enterotoxemia first published in 2003.

² NA are less than 500 head and are included in Other/Unknown.

Losses of Lambs After Docking: Utah 2002-2007 ²

Cause of Loss	2002	2003	2004	2005	2006	2007
Number of Head						
Bear	1,500	1,100	1,500	1,200	1,300	2,100
Bobcat	500	NA	NA	NA	NA	NA
Coyote	10,300	8,900	9,500	6,700	8,300	8,600
Dog	600	NA	NA	NA	NA	600
Fox	NA	NA	NA	NA	NA	NA
Mountain Lion	2,800	3,500	2,600	2,000	2,200	2,000
Wolves	NA	NA	NA	NA	NA	NA
Eagle	NA	NA	NA	NA	NA	NA
Other/Unknown	800	1,800	1,200	1,200	1,100	600
Total Predators	16,500	15,300	14,800	11,100	12,900	13,900
Diseases	900	500	NA	500	700	600
Enterotoxemia ¹		500	NA	500	500	500
Weather conditions	NA	NA	NA	800	700	900
Lambing Complications	NA	NA	NA	NA	NA	NA
Old Age	NA	NA	NA	NA	NA	NA
On Back	NA	NA	NA	NA	NA	NA
Poison	600	NA	NA	500	500	500
Theft	NA	NA	NA	NA	NA	NA
Other/Unknown	3,000	2,700	3,200	1,600	2,700	1,600
Total Non-Predators	4,500	3,700	3,200	3,900	5,100	4,100
TOTAL LOSSES	21,000	19,000	18,000	15,000	18,000	18,000

¹ Enterotoxemia first published in 2003.

² NA are less than 500 head and are included in Other/Unknown.